SENECA | sparx | The EverLearner

Subject: Mathematics   **Year group: 9**

Autumn Term

Year 9 homework is linked to the topics we are learning in class. The Sparx links refer to which parts of Sparx is used for homework. If a student wants to spend more time on a topic, they can access the work via independent learning, using the Sparx codes.				
Term	**Unit**	**Topic**	**Strand**	**Sparx clips**	**Links to prior learning**
HT1	**9.01**	Decimal Manipulation	Number	U417, U478, M462, U735, U127, U293, U453, U868, U976	7.02, 7.06, 7.08 (four operations and order of operations)
	9.02	Estimation and Limis of accuracy	Number	U480, U298, U731, U965, U225, U657, U587, U108, U301	8.03 (rounding)
	9.03	Related Calculations	Number	U735	7.02 (order of operations) 7.08 (multiplication and division)
	9.04	HCF & LCM of large numbers	Number	U211, U751, U529, U236, U739, U250	7.04, 8.02 (factors and multiples, prime factorisation)
	9.05	Fraction Calculations	Number	U736, U692, U793, U475, U224, U544, U538, U881, U916, U163	7.11, 7.12, 7.13, 7.14 (fraction manipulation, adding and subtracting, comparing, and ordering, fractions of amounts) 8.04 (operations with fractions)
HT2	**9.06**	Algebraic Manipulation	Algebra	M795, U613, M830	7.03 (introduction to algebra)
	9.07	Index Laws	Algebra	U105, U622, U103, U437, U685, U457, U824	8.06, 9.04, 9.08 (linear equations, indices, powers, root and manipulating / calculating with fractions)
	9.08	Standard Form	Number	U330, U534, U264, U290, U161	7.06, 7.08, 9.01, 9.07
	9.09	Expanding & Factorising 2	Algebra	U179, U365, U768, U178, U963	(8.06 Solving equations 1)